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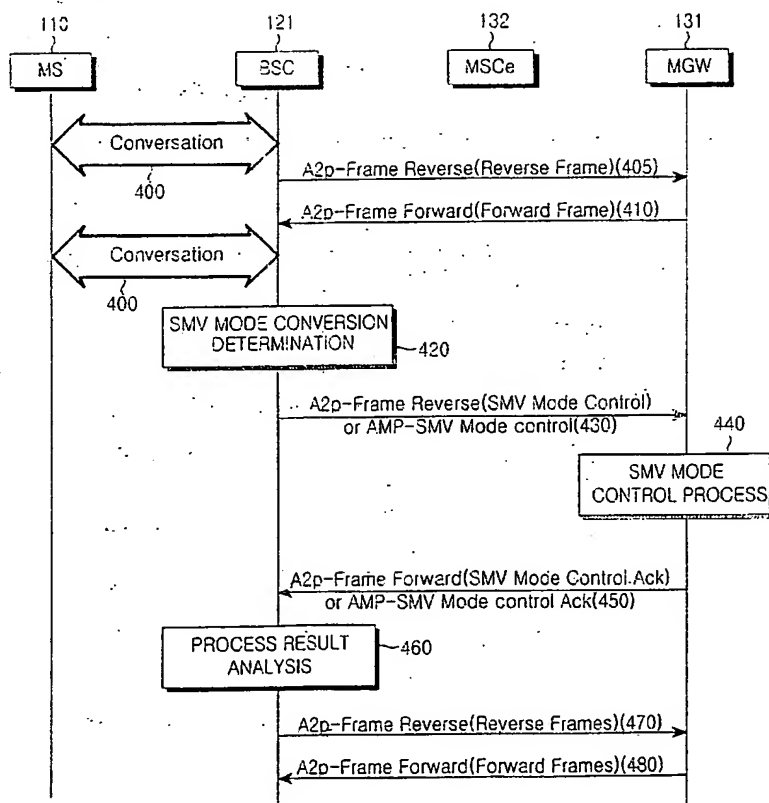
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(54) Title: **METHOD FOR CONTROLLING CONVERSION OF VOCODER MODE IN A MOBILE COMMUNICATION SYSTEM**



(57) Abstract: A method for controlling a mode of digital voice signals in a mobile communication system including a media gateway with a transcoder for performing mutual conversion between analog voice signals and the digital voice signals encoded according to one of a plurality of modes, and a base station controller for exchanging the encoded digital voice signals with the media gateway. If it is necessary to change a mode of voice signals based on a predetermined criterion during transmission of voice data, the base station controller transmits a mode change control request signal to the media gateway. The media gateway analyzes the requested mode, determines whether to change a mode of encoded digital voice signals, generates a response message, and transmits the response message to the base station controller. The media gateway changes a mode of the transcoder at a predetermined time according to the determined mode.

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